

## Complete if Known

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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Sheet

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of

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Application No.

10/602,564

Filing Date:

06-24-03

First Named Inventor

Kellogg et al.,

Group Art Unit

Examiner Name

Attorney Docket No.

95,1408-SSS

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
DKH	1	4,729,862		Salatiello et al.	July 21, 1981	
	2	4,381,291		Ekins et al.	April 26, 1983	
	3	4,515,889		Klose et al.	May 7, 1985	
	4	4,676,952		Edelmann et al.	June 30, 1997	
	5	4,745,072		Ekins	May 17, 1988	
	6	5,160,702		Kopf-Sill	November 3, 1992	
	7	5,171,695		Ekins	December 15, 1992	
	8	5,173,262		Burtis et al.	December 22, 1992	
	9	5,242,803		Burtis et al.	September 7, 1993	
	10	5,409,665		Burd	April 25, 1995	
	11	5,413,732		Burd	May 9, 1995	
	12	5,432,009		Tabata	July 11, 1995	
	13	5,472,603		Schembri	December 5, 1995	
	14	5,006,749		White	April 9, 1991	
	15	5,252,294		Kroy	October 12, 1993	
	16	5,304,487		Wilding	April 19, 1994	
	17	5,368,704		Madou	November 29, 1994	
	18	3,679,367		Negersmith	July 25, 1972	
	19	4,940,527		Kazlauskas et al.	July 10, 1990	
	20	<del>4,515,889</del>		<del>Klose et al.</del>	<del>May 7, 1985</del>	Duplicate entry
	21	5,426,032		Phillips et al.	June 20, 1995	
DKH	22	4,154,793		Guigan	May 15, 1979	

Examiner  
Signature

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Date  
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9/28/05

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application No.	10/602,564
				Filing Date:	06-24-03
				First Named Inventor	Kellogg et al.,
				Group Art Unit	
				Examiner Name	
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DKM	23	5,186,844		Burd	February 16, 1993	
	24	5,122,284		Braynin et al.	June 16, 1992	
	25	5,304,348		Burd et al.	April 19, 1994	
	26	5,457,053		Burd et al.	October 10, 1995	
	27	5,478,750		Berstein et al.	December 26, 1995	
	28	5,591,643		Schembri et al.	January 7, 1997	
	29	5,518,930		Burd et al.	May 21, 1996	
	30	5,474,603		Schembri et al.	December 5, 1997	
	31	5,693,233		Schembri	December 2, 1997	
	32	5,496,520		Kelton et al.	March 5, 1996	
	33	5,061,381		Burd	October 29, 1991	
	34	5,242,606		Braynin et al.	September 7, 1993	
	35	5,403,415		Schembri	April 4, 1995	
	36	5,173,193		Schembri	December 22, 1992	
	37	5,275,016		Chatterjee et al.	January 4, 1994	
	38	5,624,597		Buhl et al.	April 29, 1997	
	39	5,599,411		Schembri	February 4, 1997	
DKM	40	5,639,428		Cottingham	June 17, 1997	

Examiner Signature	<i>Wayne K. Kandy</i>	Date Considered	9/28/05
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Sheet	13	of	67	Attorney Docket No.	95,1408-SSS

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DKM	41	5,622,819		Herman	04-22-1997	
	42	5,821,116		Herman	10-13-1998	
	43	4,030,834		Bauer et al.	06-21-1977	
	44	4,872,821		Weiss	10-10-1989	
	45	4,722,853		Batiwalla et al.	02-02-1988	
	46	4,258,740		Kaartinen et al.	03-31-1981	
	47	5,171,533		Fine et al.	12-15-1992	
	48	5,160,702		Kopf-Sill et al.,	11-03-1992	
	49	3,713,062		Butler et al.,	01-23-1973	
	50	3,952,116		Trenkler et al.	04-20-1976	
	51	5,590,052		Kopf-Sill et al.	12-31-1996	
	52	5,413,009		Fraguito et al.	05-09-1995	
	53	4,279,862		Bretaudiere et al.,	07-21-1981	
	54	6,302,134		Kellogg et al.	10-16-2001	
	55	6,063,589		Kellogg et al.	05-16-2000	
	56	6,399,361		Brotherston et al.	06-04-2002	
	57	3,528,449		White et al.	02-27-1968	
	58	4,612,959		Costello	09-23-1986	
	59	5,336,181		Nakao et al.	08-09-1994	
DKM	60	5,431,303		Miskell	07-11-1995	

Examiner Signature	<i>Dwayne K. Hardy</i>	Date Considered	9/28/05
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				First Named Inventor	Kellogg et al.,
				Group Art Unit	
				Examiner Name	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
DKM	61	WO	93/22053		Trustees of the University of PENN	11-11-1993		
	62	WO	93/22058		Trustees of the University of PENN	11-11-93		
	63	EP	417,305	A1	Idemitsu Petrochemical Co. Ltd.	3-20-1991		
	64	EP	616,218	A1	Hitachi, Ltd.	9-21-1994		
	65	EP	305,210		Biotrack, Inc.	12-81993		
	66	EP	322,657		Miles Inc.	7/5/89		
	67	GER	4,410,224		Gleich Anmelder	9/28/95		
	68	EP	647,367	B1	ABAXIS, Inc.	12/10/97		
	69	WO	95/33986		ABAXIS, Inc.	12/14/95		
	71	WO	97/08556		First Medical, Inc.	03-06-1997		
	72	EP	408 207		Illinois Tool Works Inc.	06-22-1990		
	73	WO	94/26414		Syntex Inc.	11-14-1994		
	74	UK	1 307 628		United Kingdom	08-21-1970		
	75	FR	1292407		France	03-24-1961		
DKM	77	WO	97/21090		Gamera Bioscience	06-12-1997		

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		First Named Inventor	Kellogg et al.,		
		Group Art Unit			
Examiner Name					
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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. 1	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
DKH	78	Anderson, "Analytical Techniques for Cell Fractions" (1968), <i>Anal. Biochem.</i> , 28: 545-562	
	79	Aoki et al., "Electrochemical Response at Microarray Electrodes in Flowing Streams and Determination of Catecholamines", (1990), <i>Anal. Chem.</i> , 62: 2206-2210	
	80	Arquint et al., "Micromachined Analyzers on a Silicon Chip", (September 1994), <i>Clinical Chemistry</i> , Vol. 40, No. 9, pp. 1805-1809.	
	81	Ballantine et al., "Surface Acoustic Wave", (June 1989), <i>Anal. Chem.</i> , 61/11: pp. 704-715.	
	82	Bertrand et al., "A One-Step Determination of Serum 5'-nucleotidase using a centrifugal Analyzer", (1982), <i>Clinica Chimica Acta</i> , 119: 275-284.	
	83	Blackburn et al., "Electrochemiluminescence Detection for Development of Immunoassays and DNA Probe Assays for Clinical Diagnostics", (1991), <i>Clin. Chem.</i> , 37/9: 1534-1539.	
	84	Bor Fuh et al., "Isolation of Human Blood Cells, Platelets, and Plasma Proteins by Centrifugal SPLIT Fractionation", (1995), <i>Biotechnol. Prog.</i> , 11: 14-20.	
	85	Burtis et al., "Optimization and Analytical Application of the Technique of Dynamic Introduction of Liquids into Centrifugal Analyzers", (1974), <i>Clin. Chem.</i> , 20: 932-941.	
	86	Burtis et al., "Development of a Multipurpose Optical System for Use with a Centrifugal Fast Analyzer", (1975), <i>Clin. Chem.</i> , 21/9: 1225-1233.	
	87	Cho et al., "Development of a Multichannel Electrochemical Centrifugal Analyzer" (1982), <i>Clin. Chem.</i> , 28/9: 1961-1965.	
	88	Collison et al., "Chemical Sensors for Bedside Monitoring of Critically Ill Patients" (April 1990), <i>Anal. Chem.</i> , 62/7: pp. 425-437.	
	89	Columbus et al., "Architextured" Fluid Management of Biological Liquids", (1987), <i>Clin. Chem.</i> , 33/9: 1531-1537.	
	90	Dessy, "Waveguides as Chemical Sensors", (October 1989), <i>Anal. Chem.</i> , 61/19: 1079-1094.	
DKH	91	Ekins et al., "Multianalyte Microspot Immunoassay. The microanalytical 'compact disk' of the future", (1992), <i>Ann. Biol. Clin.</i> , 50: 337-353.	
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DK	92	Esashi et al., " <u>Anodic Bonding for Integrated Capacitive Sensors</u> " (July 1992), Proc. Micro. Electro Mechanical Systems, 11: 43-48.	
	93	Foucault, " <u>Countercurrent Chromatography</u> " (1991), Anal. Chem., 63:	
	94	Fritsche et al., " <u>Enzymatic Endpoint Analysis of Glucose with the Hexokinase Method and the Union Carbide Fast Centrifugal Analyzer</u> ", (1975), Clin Biochem., 8: 240-246.	
	95	Glass et al., " <u>Effect of Numerical aperture on signal level in cylindrical waveguide evanescent fluorosensors</u> " (June 1987), Appl. Optics, 26/11: 2181-2187	
	96	Haab et al., " <u>Single Molecule Fluorescence Burst Detection of DNA Fragments Separated by Capillary Electrophoresis</u> " Anal. Chem., 1995, 67, 3253-3260.	
	97	Hadjiioannou et al., " <u>Automated Enzymic Determination of Ethanol in Blood, Serum, and Urine with a Miniature Centrifugal Analyzer</u> ", (1976), Clin. Chem. 22/6:802-805.	
	98	Heineman, " <u>Biosensors Based on Polymer Networks Formed by Gamma Irradiation Crosslinking</u> ", (1993), App. Biochem. Biotech., 41: 87-97.	
	99	Ikada, "Surface Modification of Polymers for Medical Applications", (1994), Biomaterials, 15/10: 725-736.	
	100	Lamture et al., " <u>Direct Detectoin of Nucleic Acid Hybridization on the Surface of a Charge Coupled Device</u> ", (1994), Nucleic Acids Res., 22/11: 2121-2125.	
	101	Lee et al., " <u>Automated System for Fractionation of Blood Samples</u> " (1978), Clin. Chem., 24/8: 1361-1365.	
	102	Linliu et al., " <u>Development of a Centrifuge Ball Viscometer for Polymer Melts</u> ", (1994), Rev. Sci. Instrum., 65/12: 3823-3828.	
	103	Nakagawa et al., "A Micro Chemical Analyzing System Integrated on a Silicon Wafer", Proc. IEEE Workshop of Micro Electro Mechanical Systems, pp.89.	
DK	104	Poole et al., " <u>Instrumental Thin-Layer Chromatography</u> ", (January 1994), Anal. Chem., 66/1: 27A-37A.	
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DKH	105	Reijenga et al., "Effect of Electroosmosis on Detection in Isotachopheresis", (1983), J. Chromatography, 260: 241-254.	
	106	Renoe et al., "A Versatile Minidisc Module for a Centrifugal Analyzer" (1974), Clin. Chem., 20/8:955-960.	
	107	Rosenzweig et al., "Laser-Based Particle-Counting Microimmunoassay for the Analysis of Single Human Erythrocytes" (1994), Anal. Chem., 66: 1771-1776	
	108	Schembri et al., "Portable Simultaneous Multiple Analyte Whole-Blood Analyzer for Point-of-Care Testing" (1992), Clin. Chem., 38/9: 1665-1670	
	109	Shoji & Esashi, "Micro flow cell for blood gas analysis realizing very small sample volume" (1992), Sensors and Actuators, B8: 205-208.	
DKH	110	Wilding et al., "Manipulation and Flow of Biological Fluids in Straight Channels Micromachined in Silicon" (1994), Automat. Analyt. Tech., 40: 43-47.	

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